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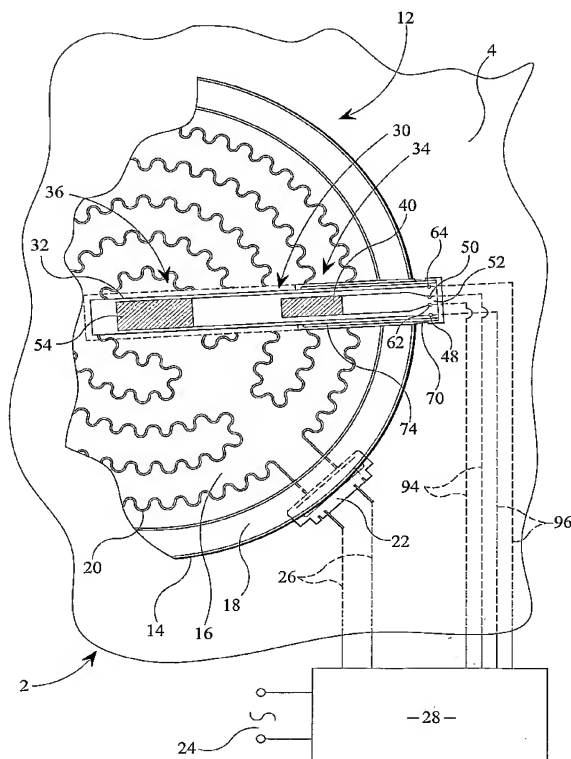
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(54) Title: ELECTRICAL HEATING ARRANGEMENT



(57) Abstract: A temperature sensor assembly (30) is provided for an electrical heating arrangement (2). The temperature sensor assembly (30) includes a substrate (32) located in a heater (12). The substrate (32) has an upper surface (38) in contact with the lower surface (10) of a cooking plate (4). The upper and/or lower surface or surfaces (38, 66) of the substrate (32) is provided with a first temperature-sensitive resistance element (40) at a first region (42) of the substrate (32) proximate a peripheral region (34) of the heater. The upper (38) and/or lower (66) surface or surfaces of the substrate (32) is or are provided with a second temperature-sensitive resistance element (54; 54A; 54B) at a second region (56) of the substrate (32) proximate the central region (36) of the heater. A support member (70; 102) is secured to the substrate (32) and underlies at least the first region (42) of the substrate (32) and thermal insulation means (74) is interposed between the lower surface (66) of the substrate (32) and the support member (70) only at the first region (42) of the substrate (32).

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